

Program EVALPLOT
(Version 2018-1)

by

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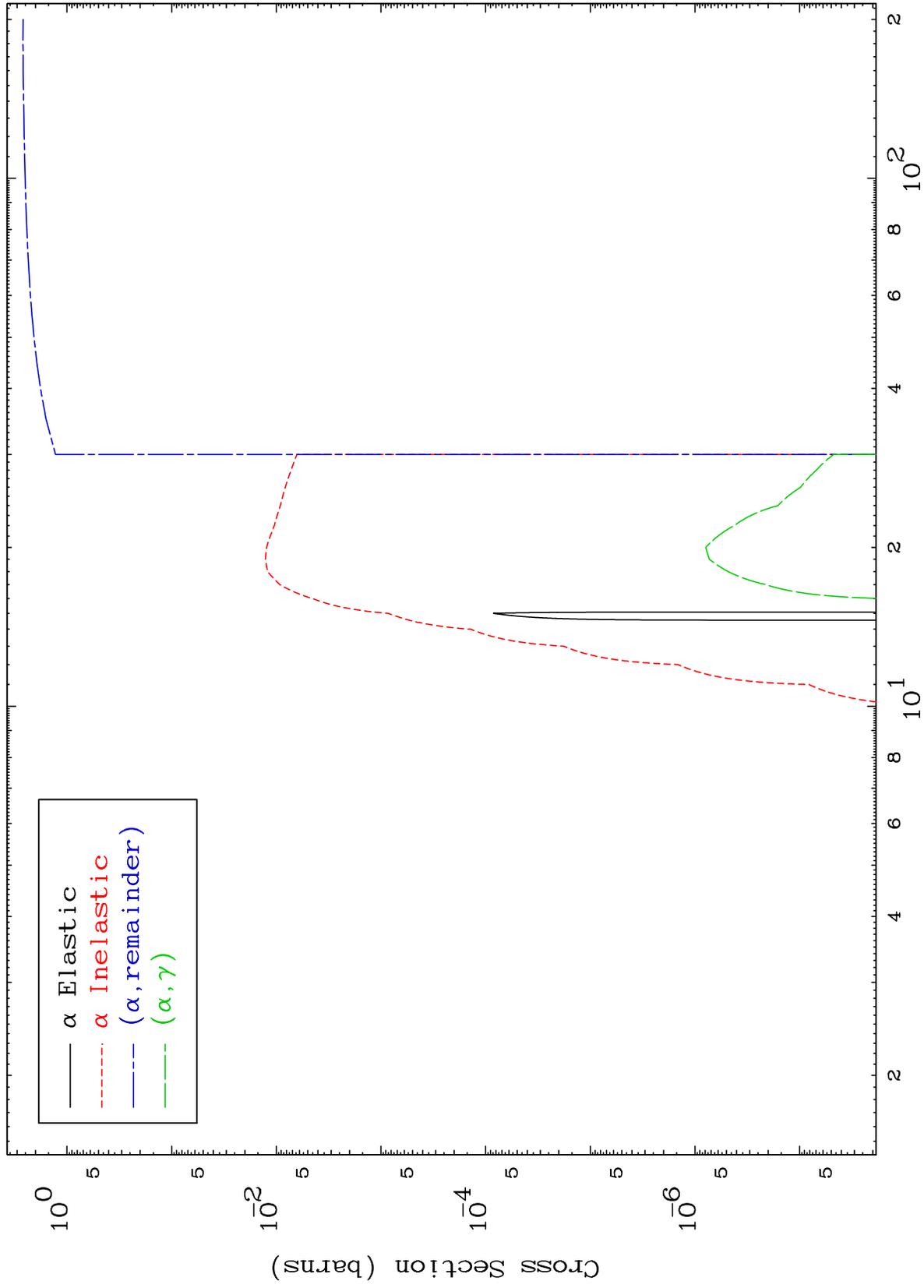
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7134

0 Kelvin α Major

71-Lu-178



1

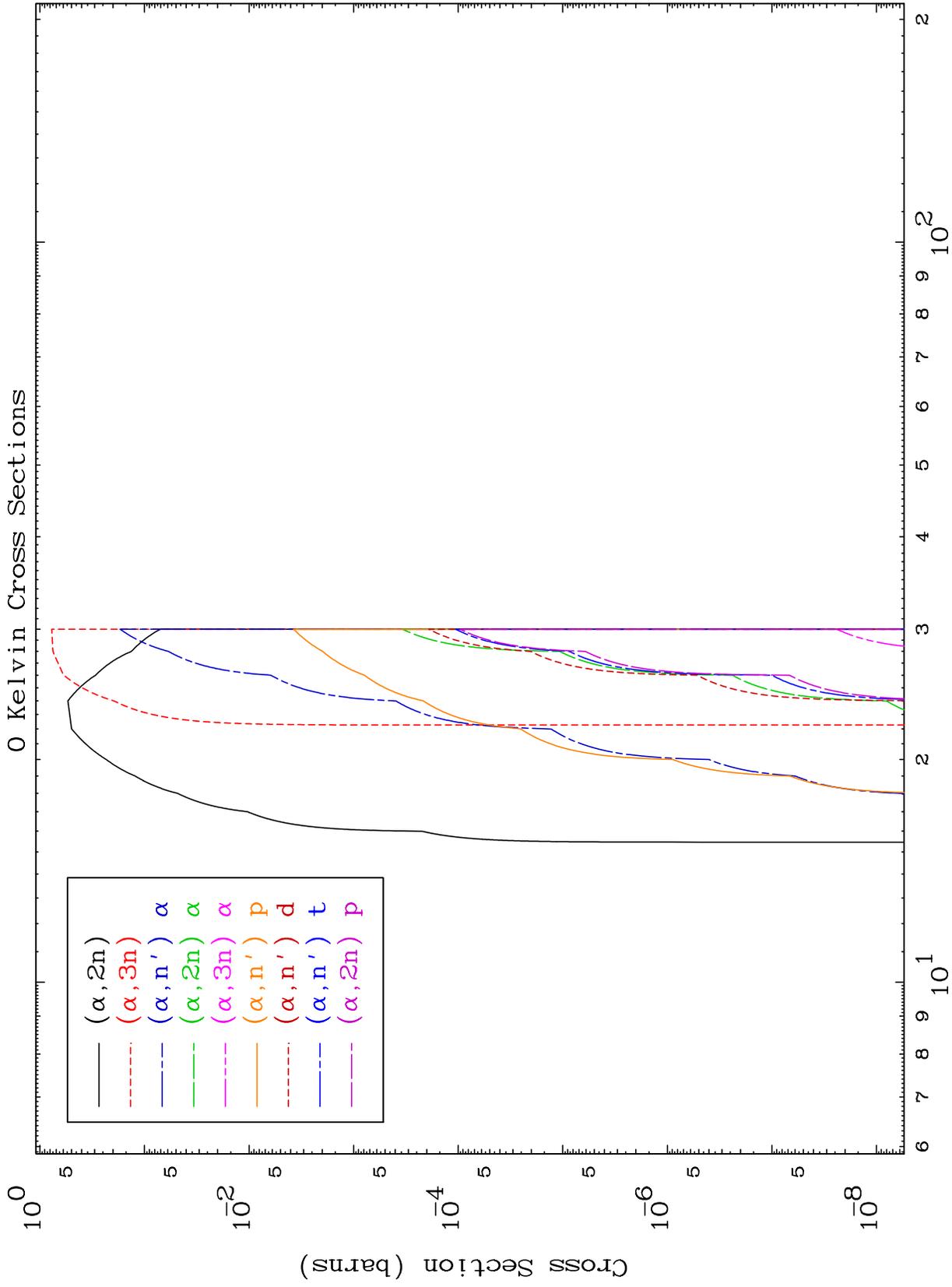
Incident Energy (MeV)

71-Lu-178

MAT 7134

α Neutron Production
0 Kelvin Cross Sections

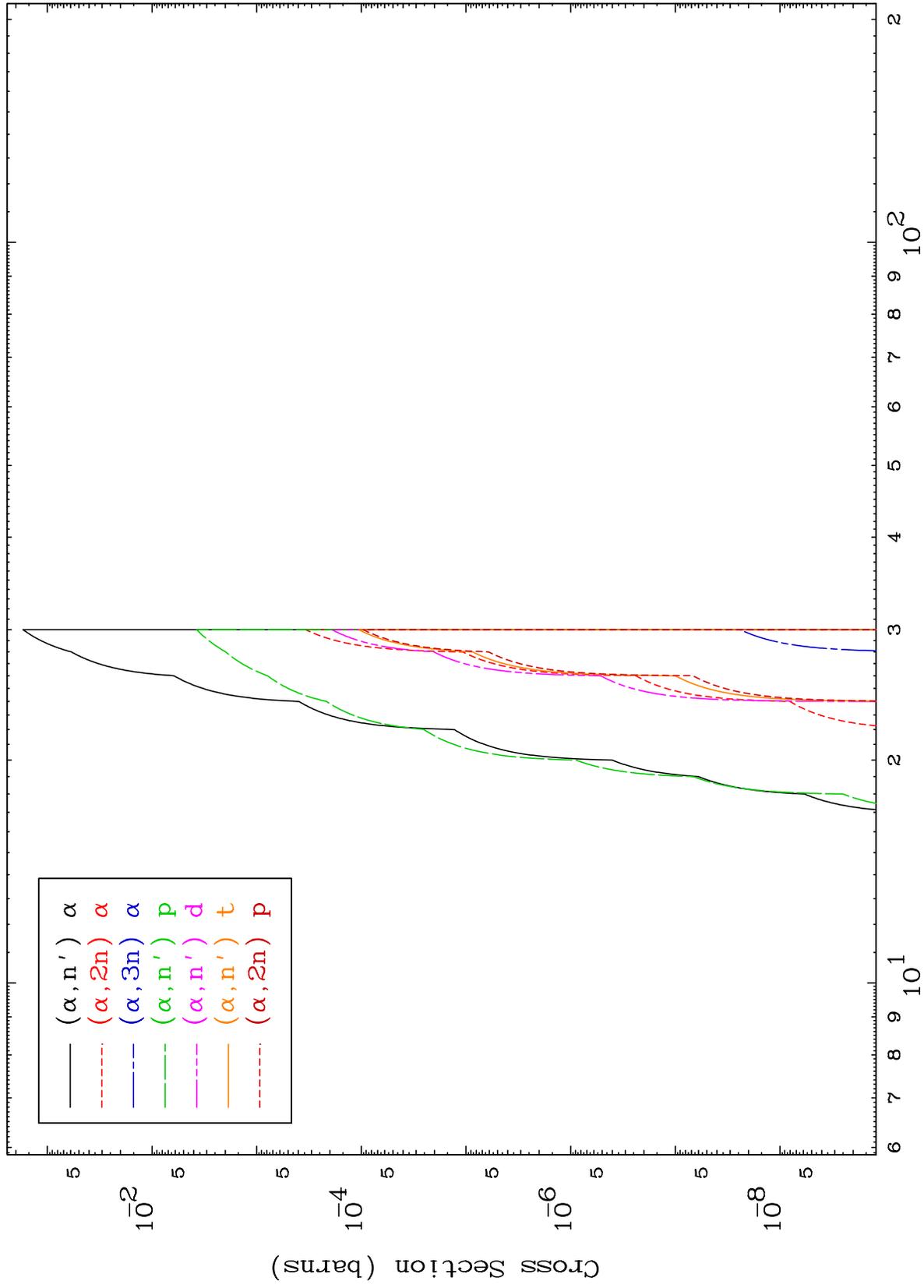
71-Lu-178



2

Incident Energy (MeV)

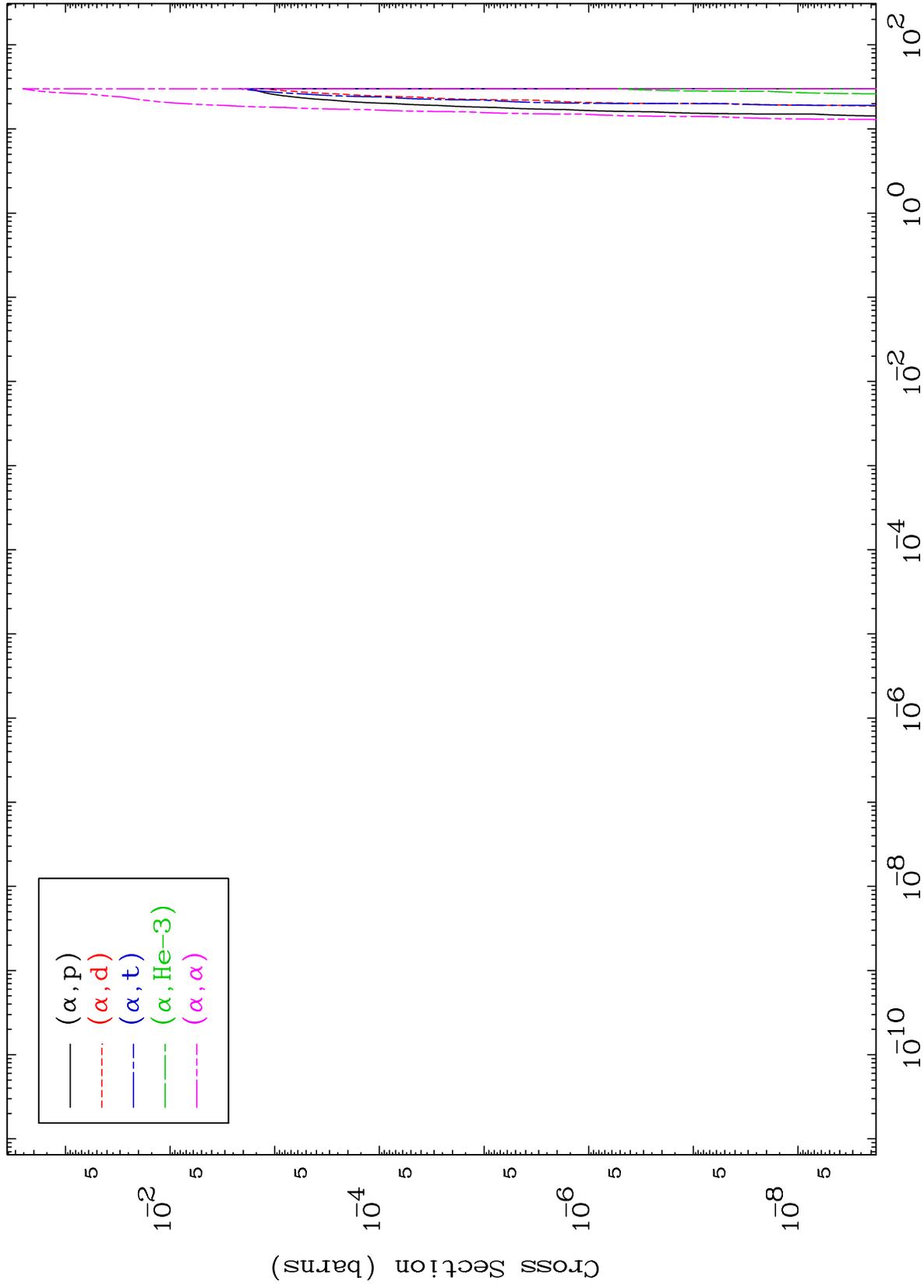
71-Lu-178



MAT 7134

α Charged Particle
0 Kelvin Cross Sections

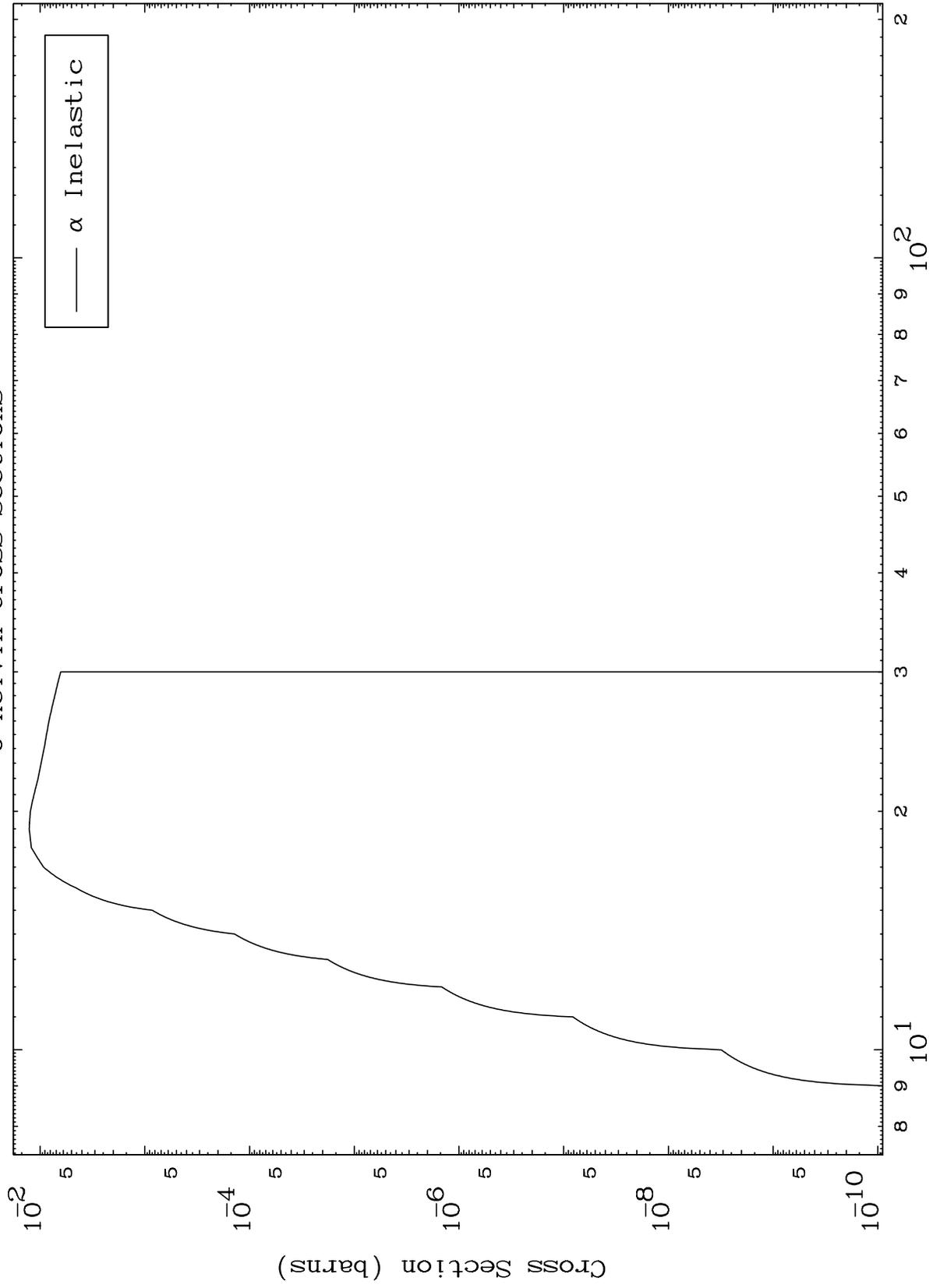
71-Lu-178



MAT 7134

(α, n') Level
0 Kelvin Cross Sections

71-Lu-178



5

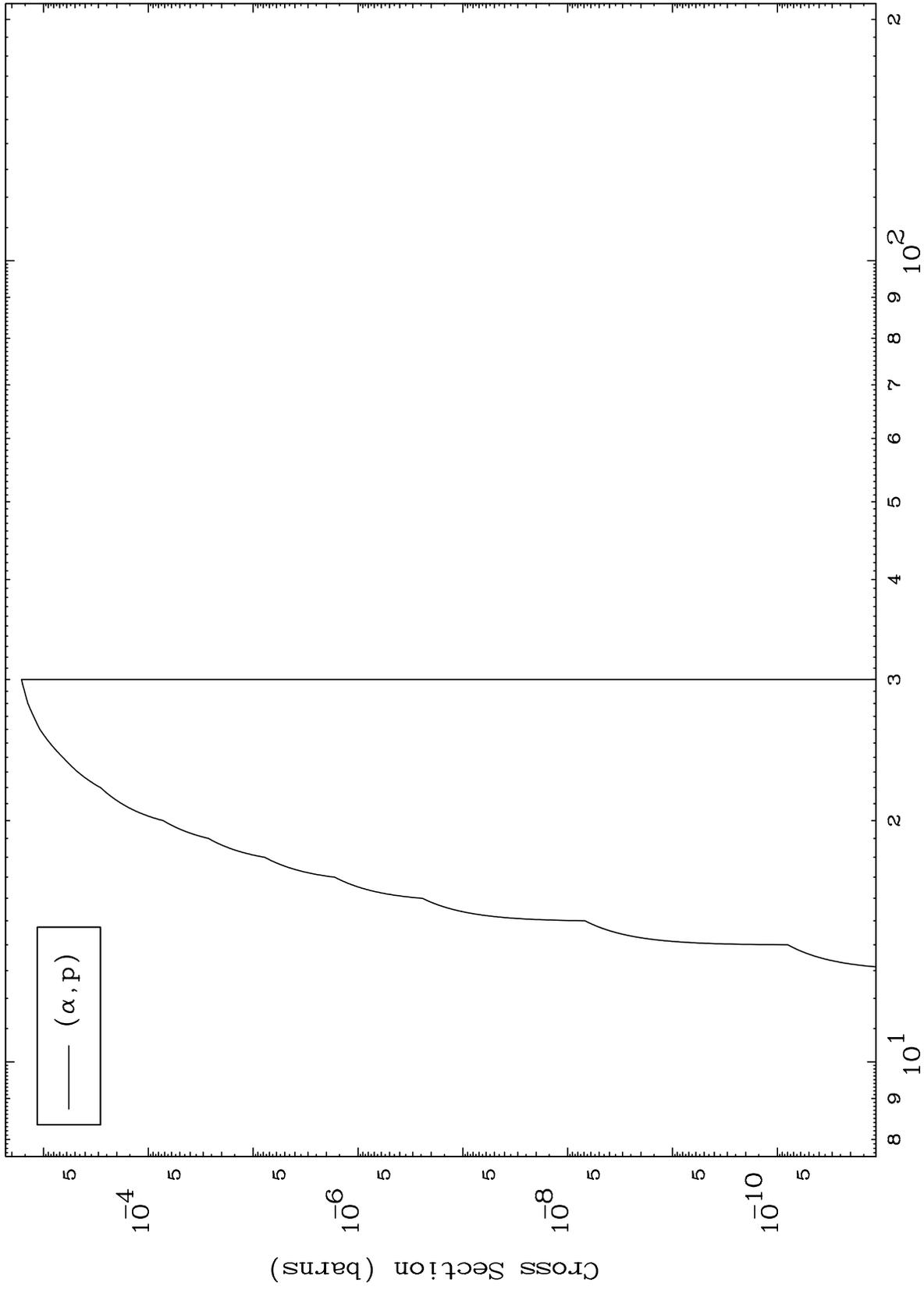
Incident Energy (MeV)

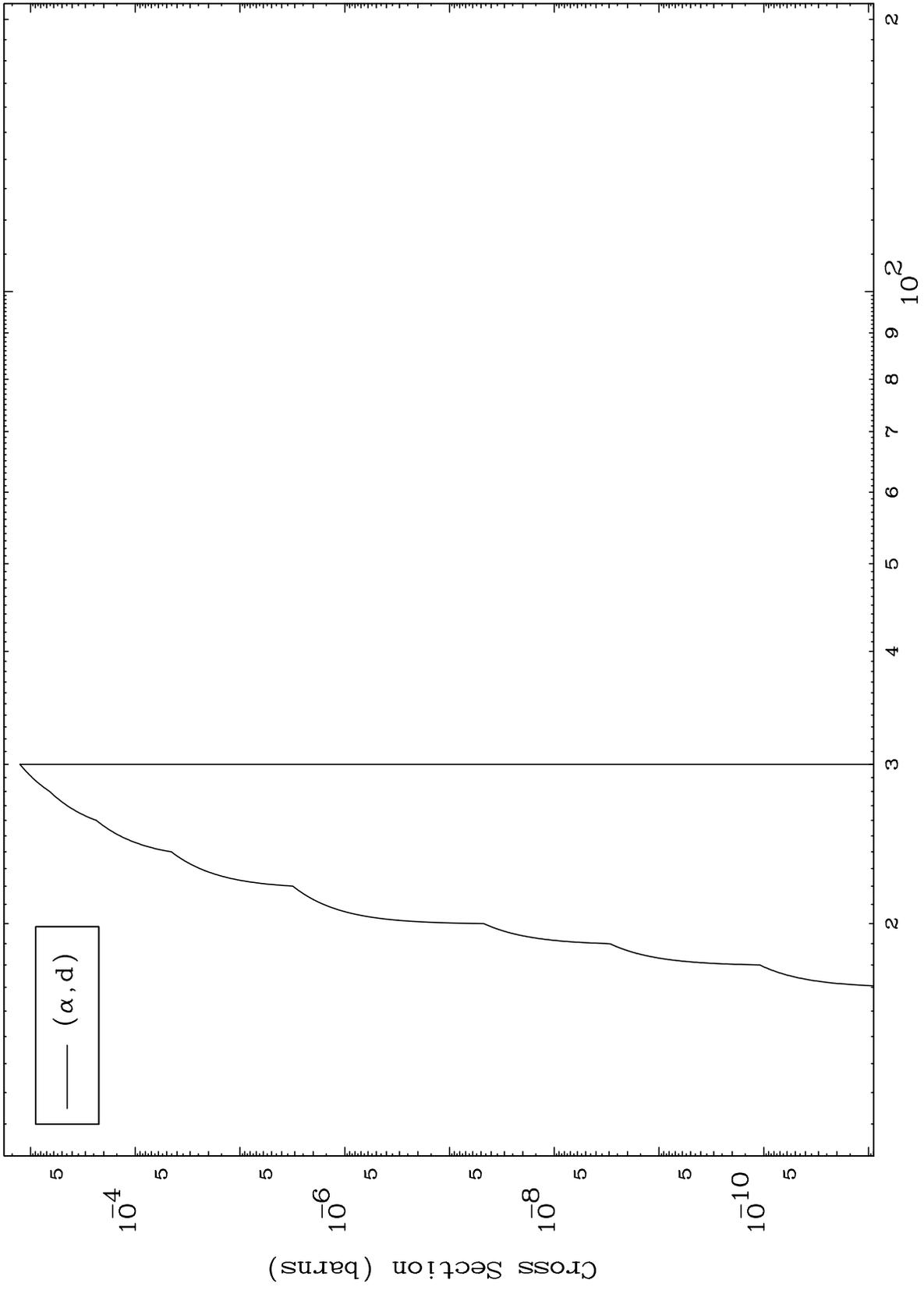
71-Lu-178

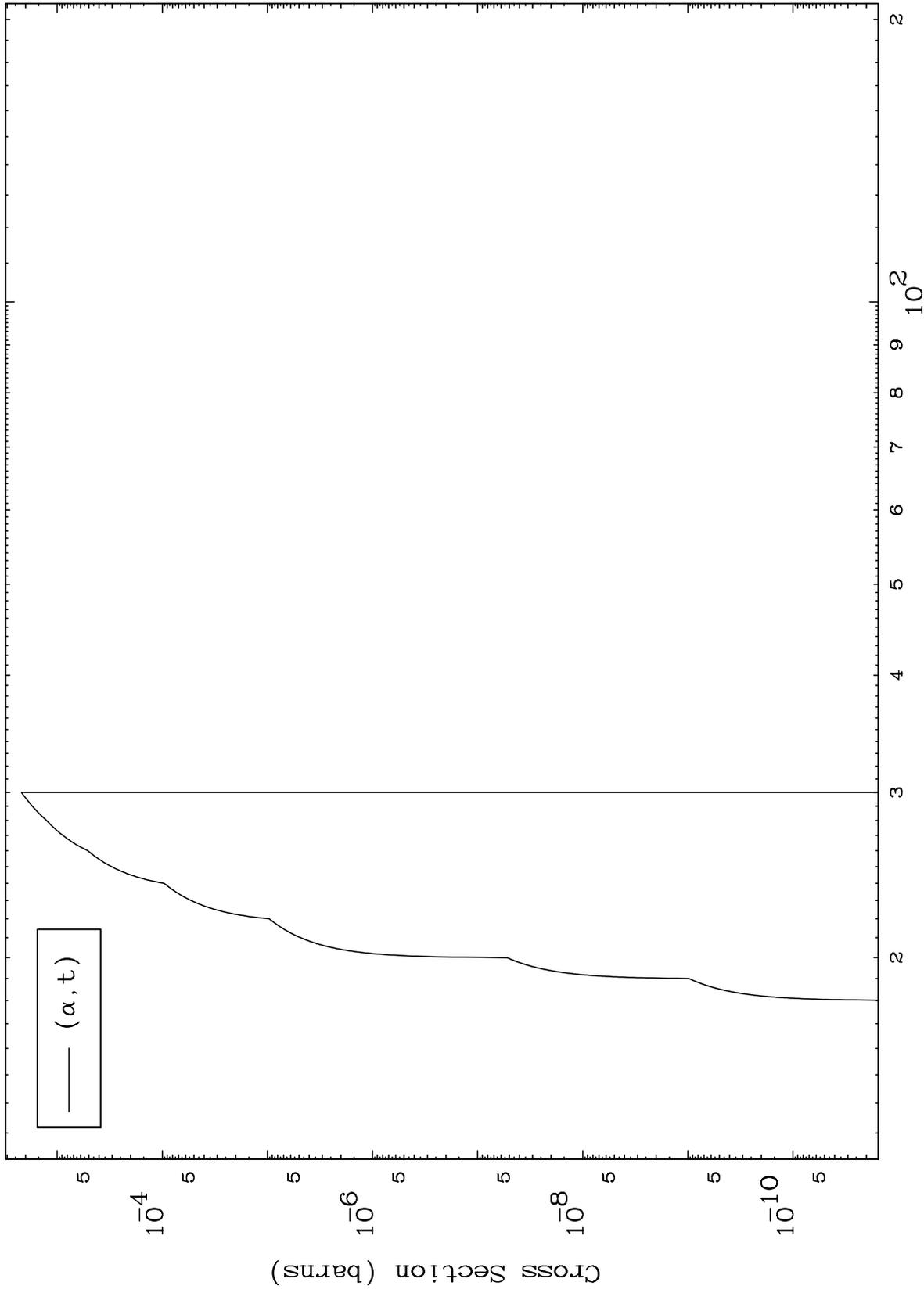
MAT 7134

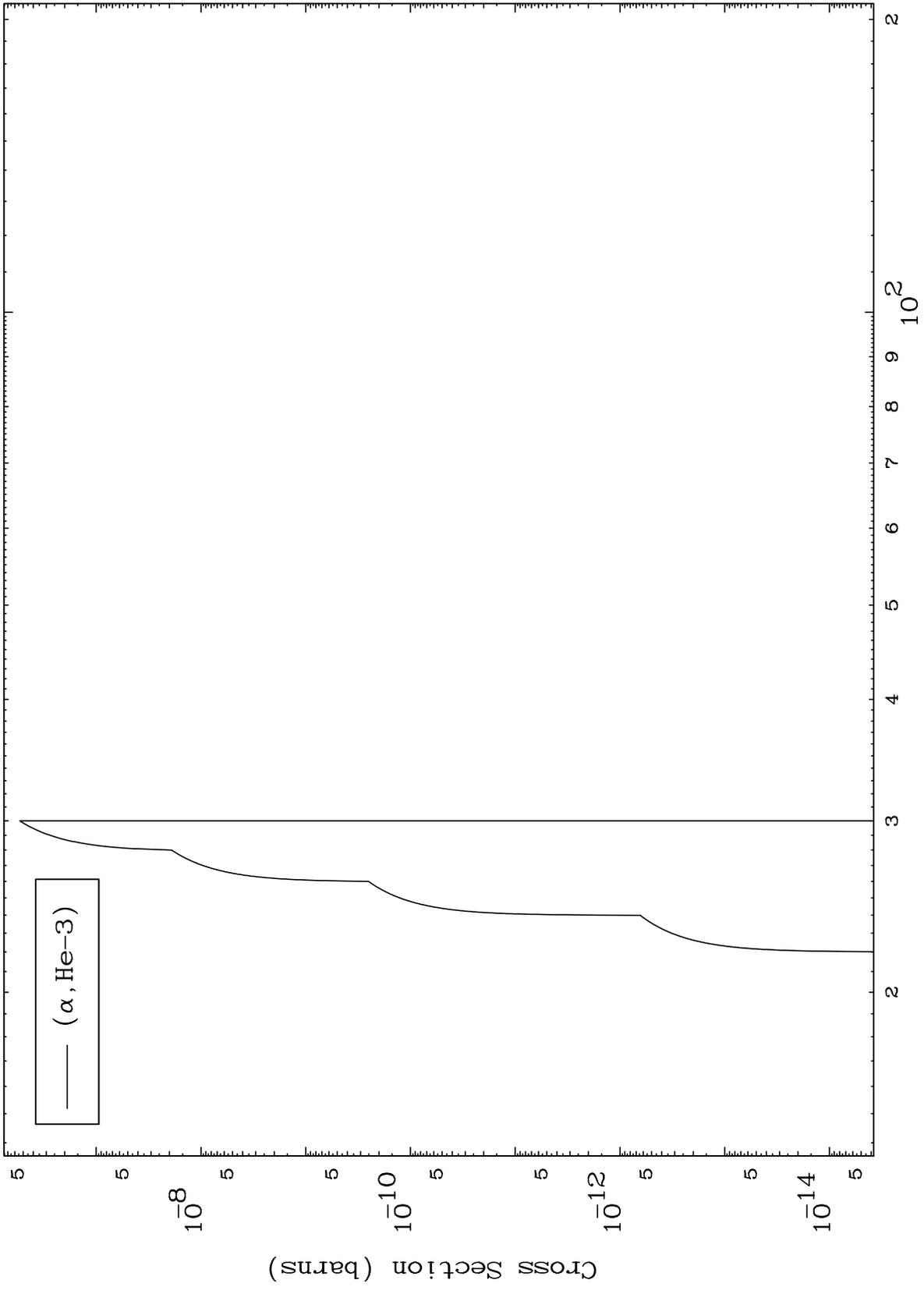
(α, p) Levels
0 Kelvin Cross Sections

71-Lu-178





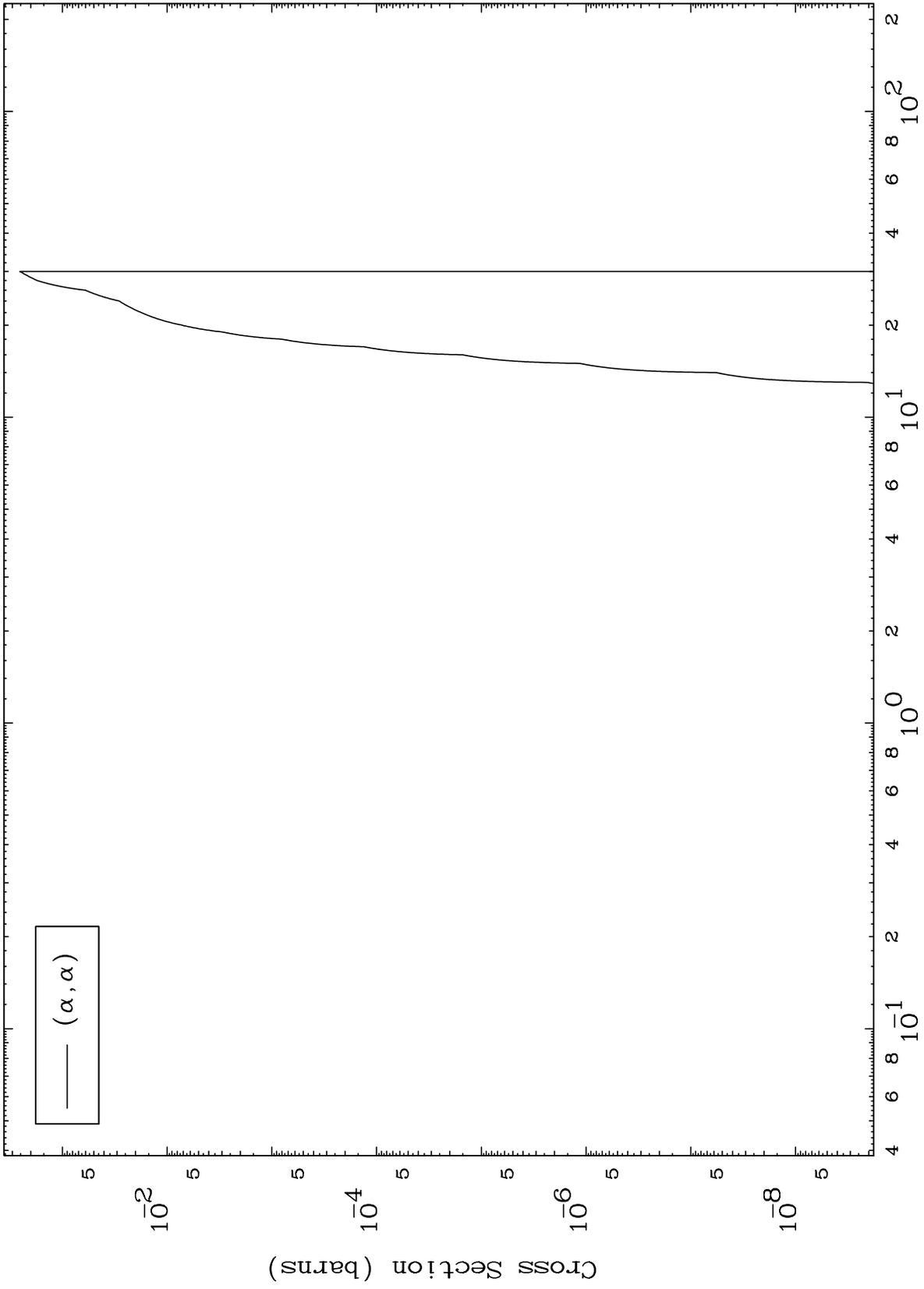




MAT 7134

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-178



10

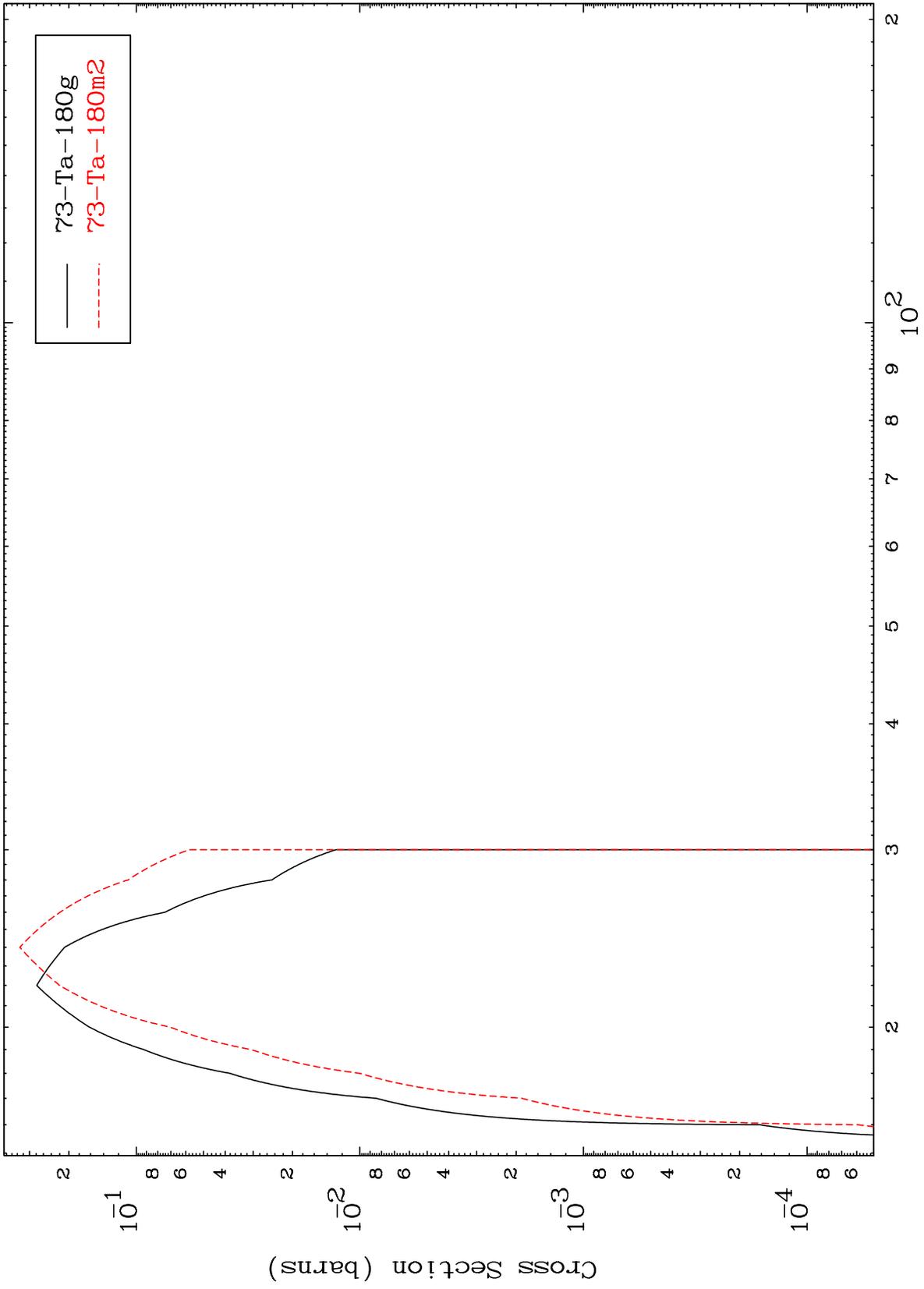
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

($\alpha, 2n$)
Radionuclide Production Cross Section



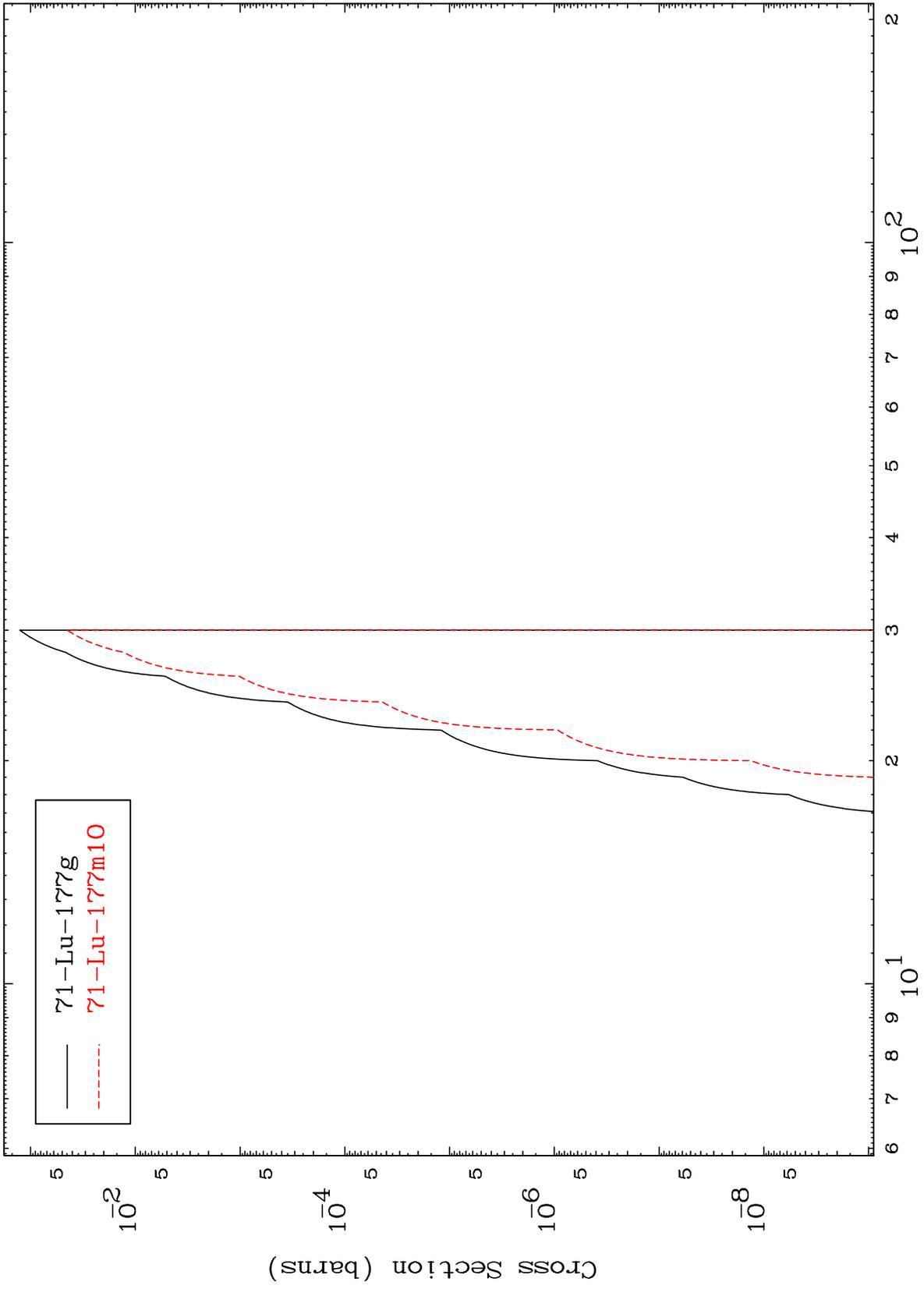
11

71-Lu-178

MAT 7134

⁷¹Lu-178

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

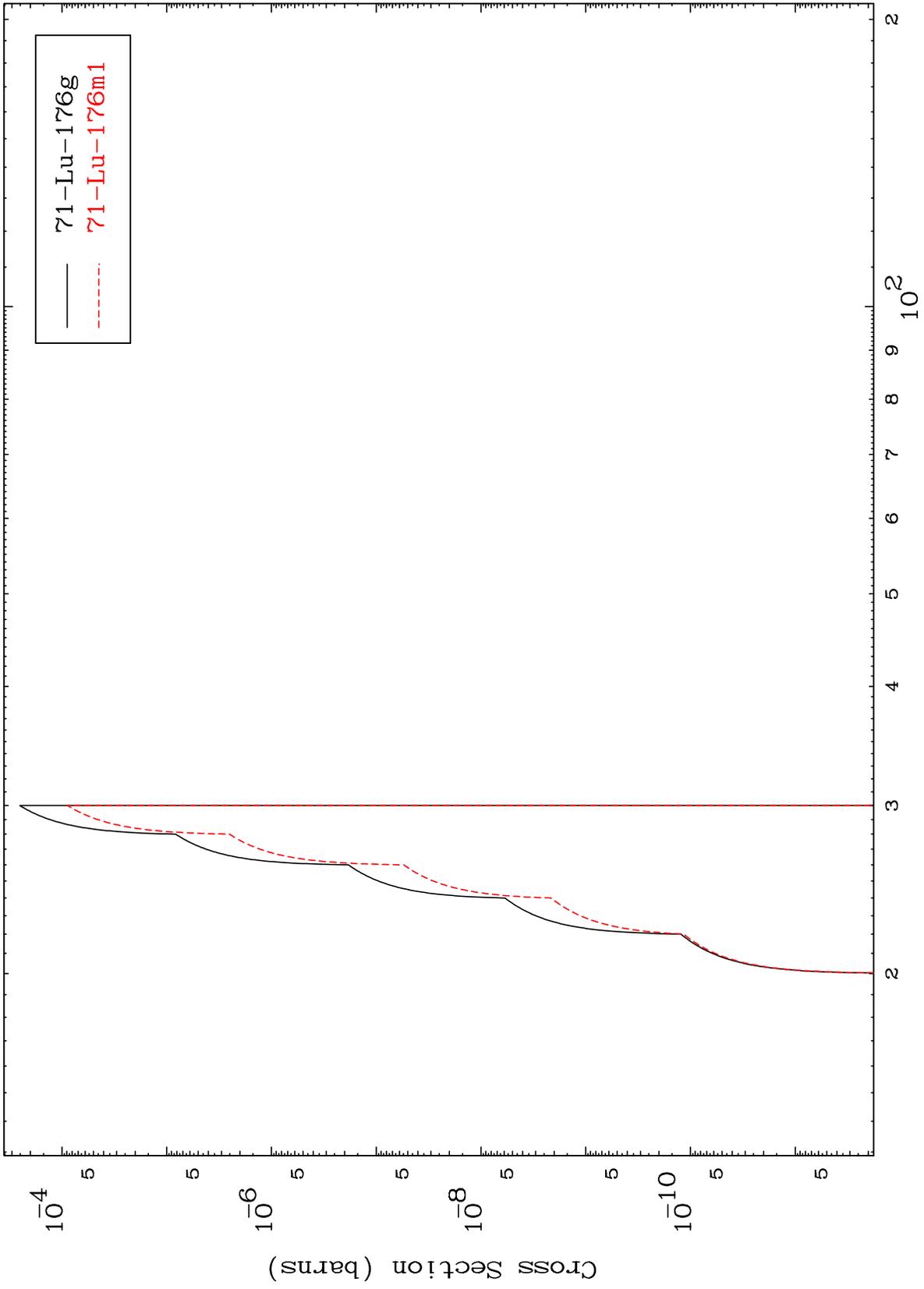
⁷¹Lu-178

MAT 7134

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-178}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

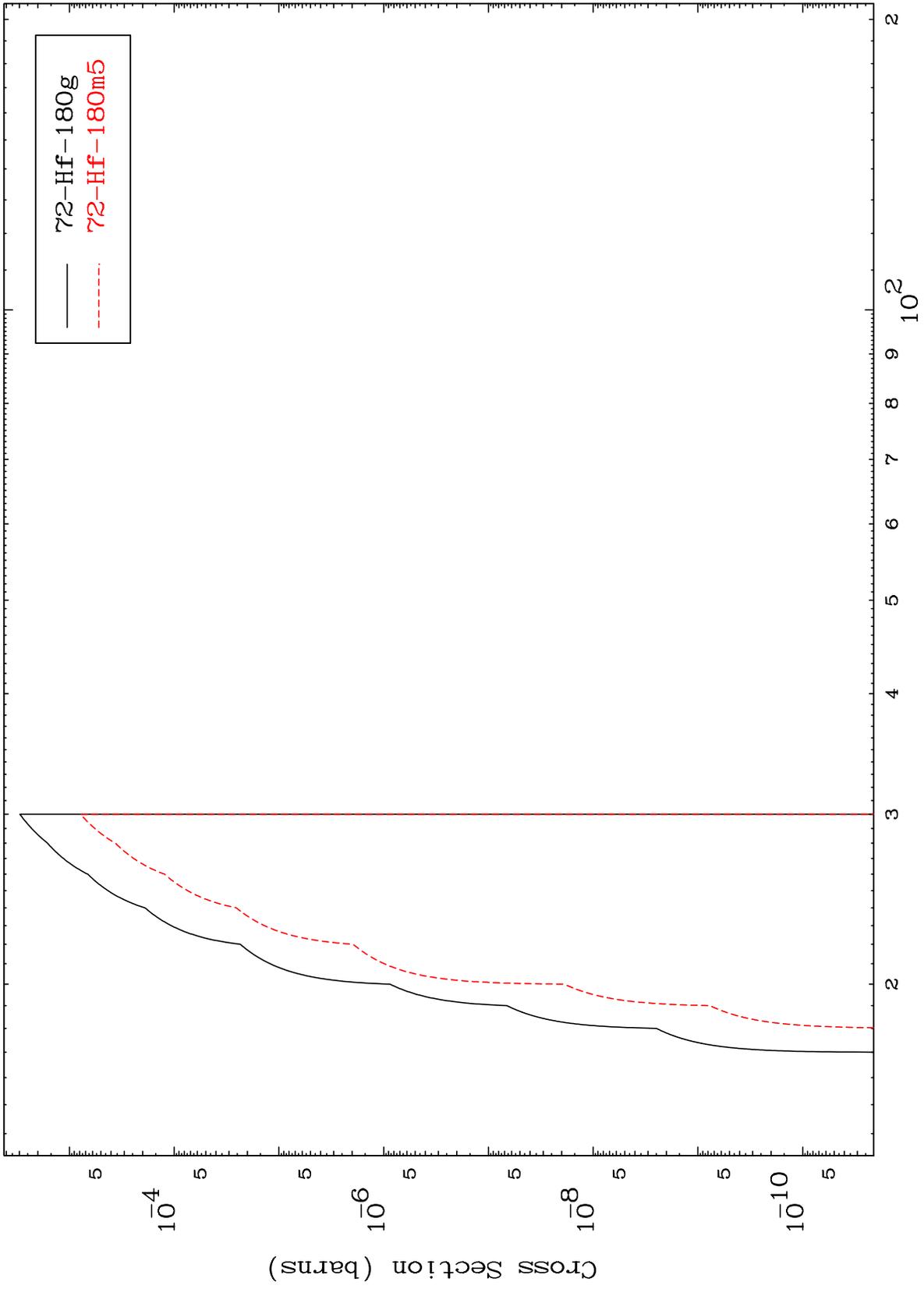
$^{71}\text{Lu-178}$

MAT 7134

(α, n') p

⁷¹Lu-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

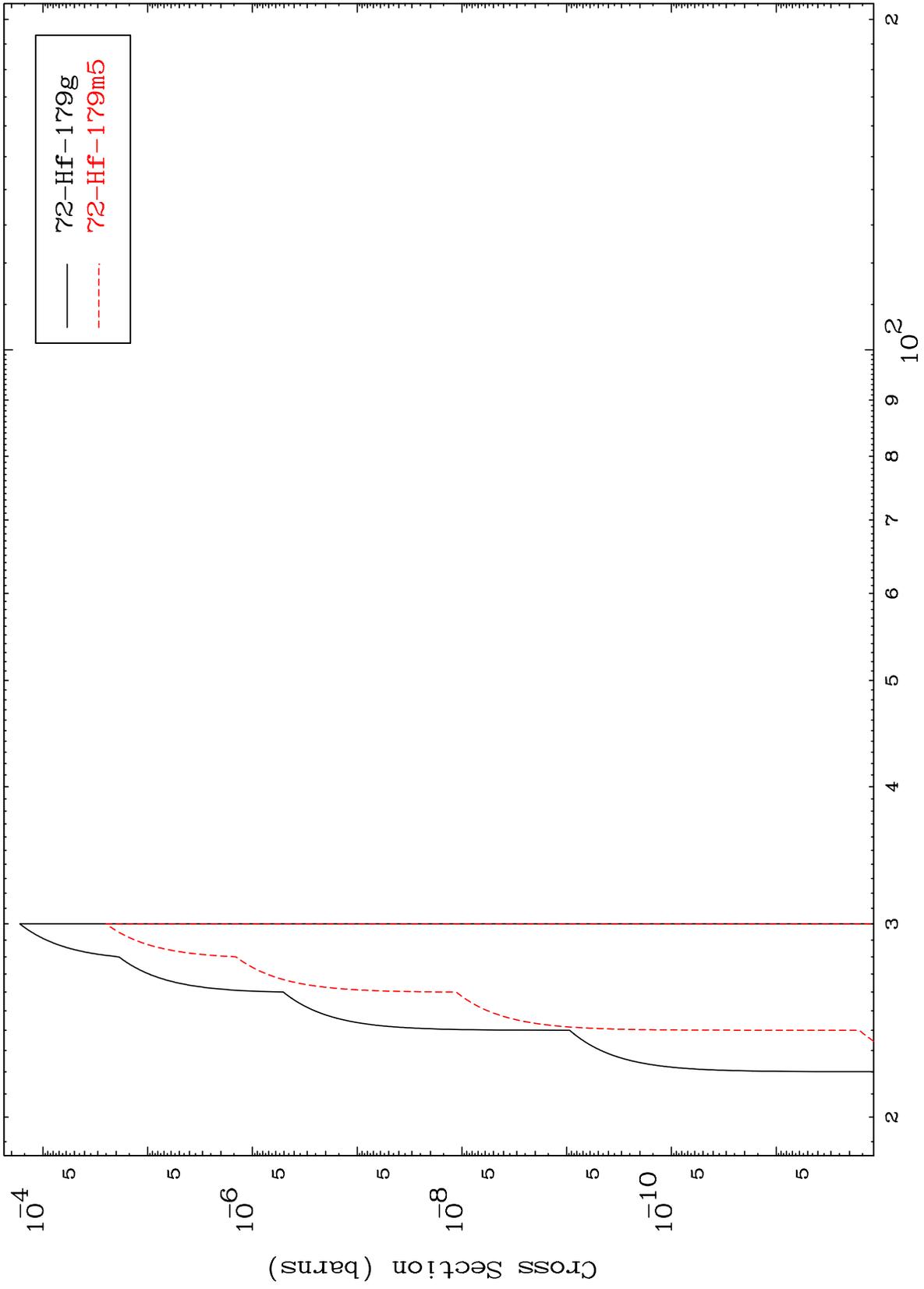
⁷¹Lu-178

MAT 7134

(α, n') d

71-Lu-178

Radionuclide Production Cross Section



15

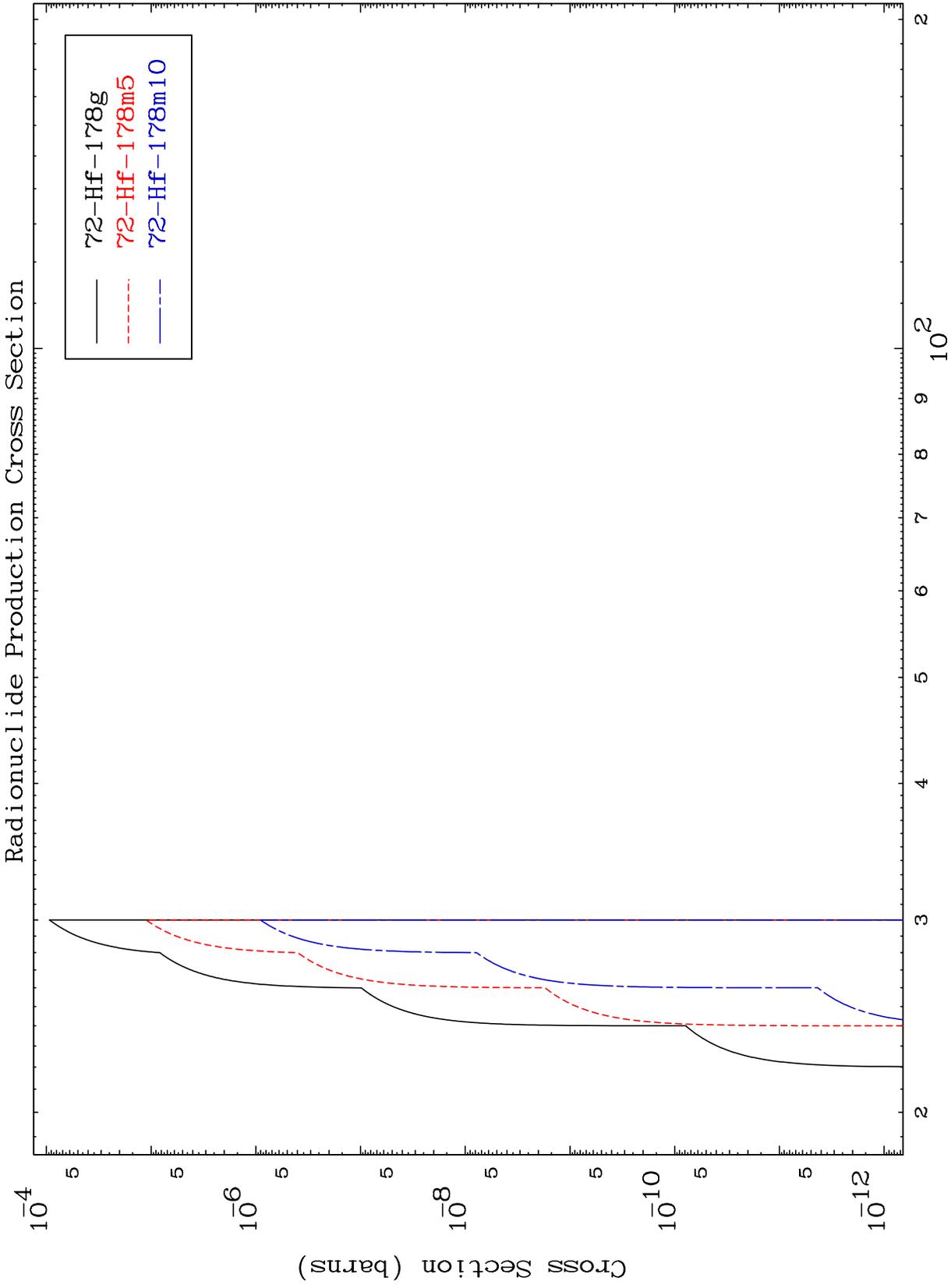
Incident Energy (MeV)

71-Lu-178

MAT 7134

(α, n') t

71-Lu-178



16

Incident Energy (MeV)

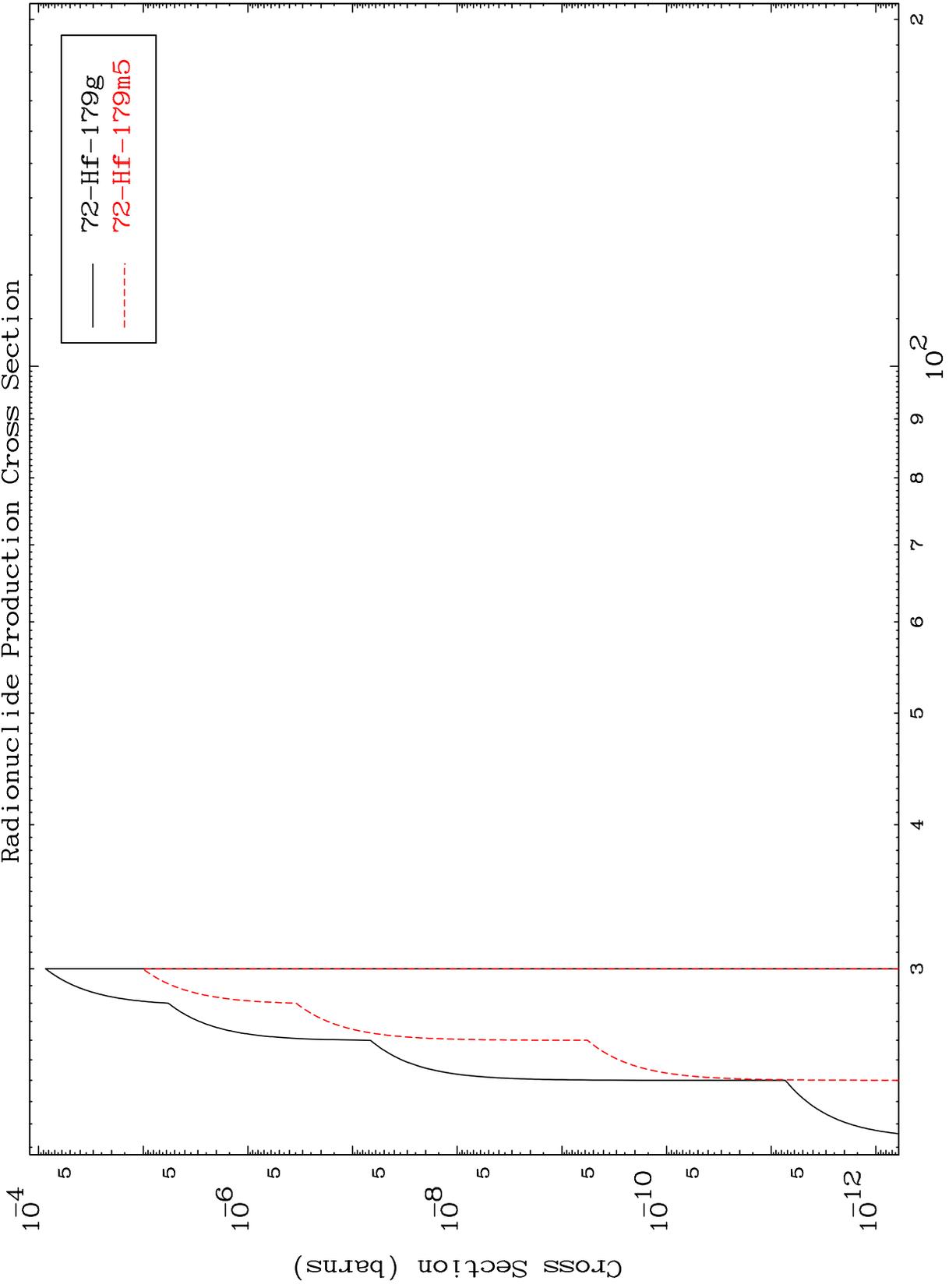
71-Lu-178

MAT 7134

($\alpha, 2n$) p

71-Lu-178

Radionuclide Production Cross Section



17

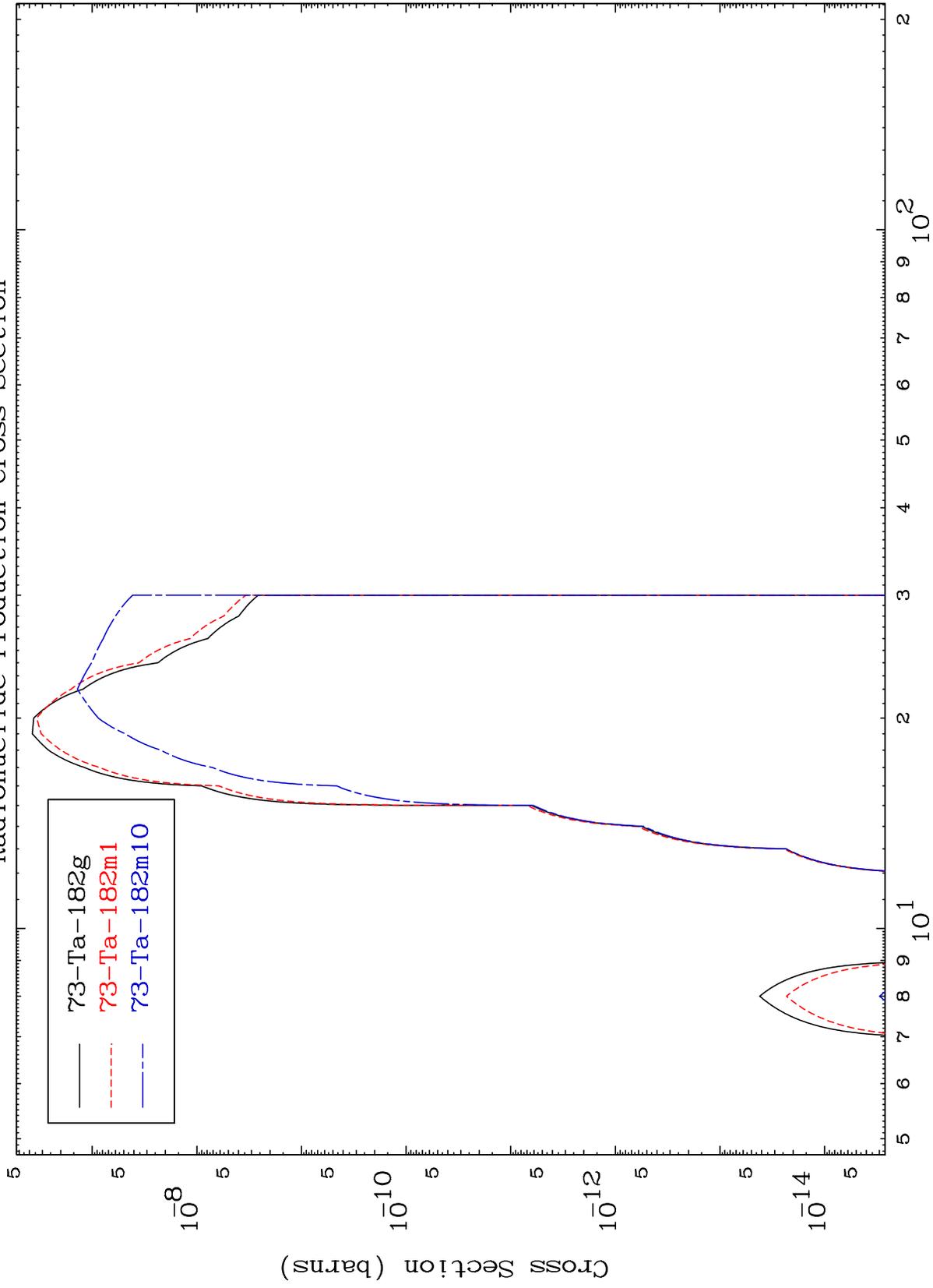
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(α, γ)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

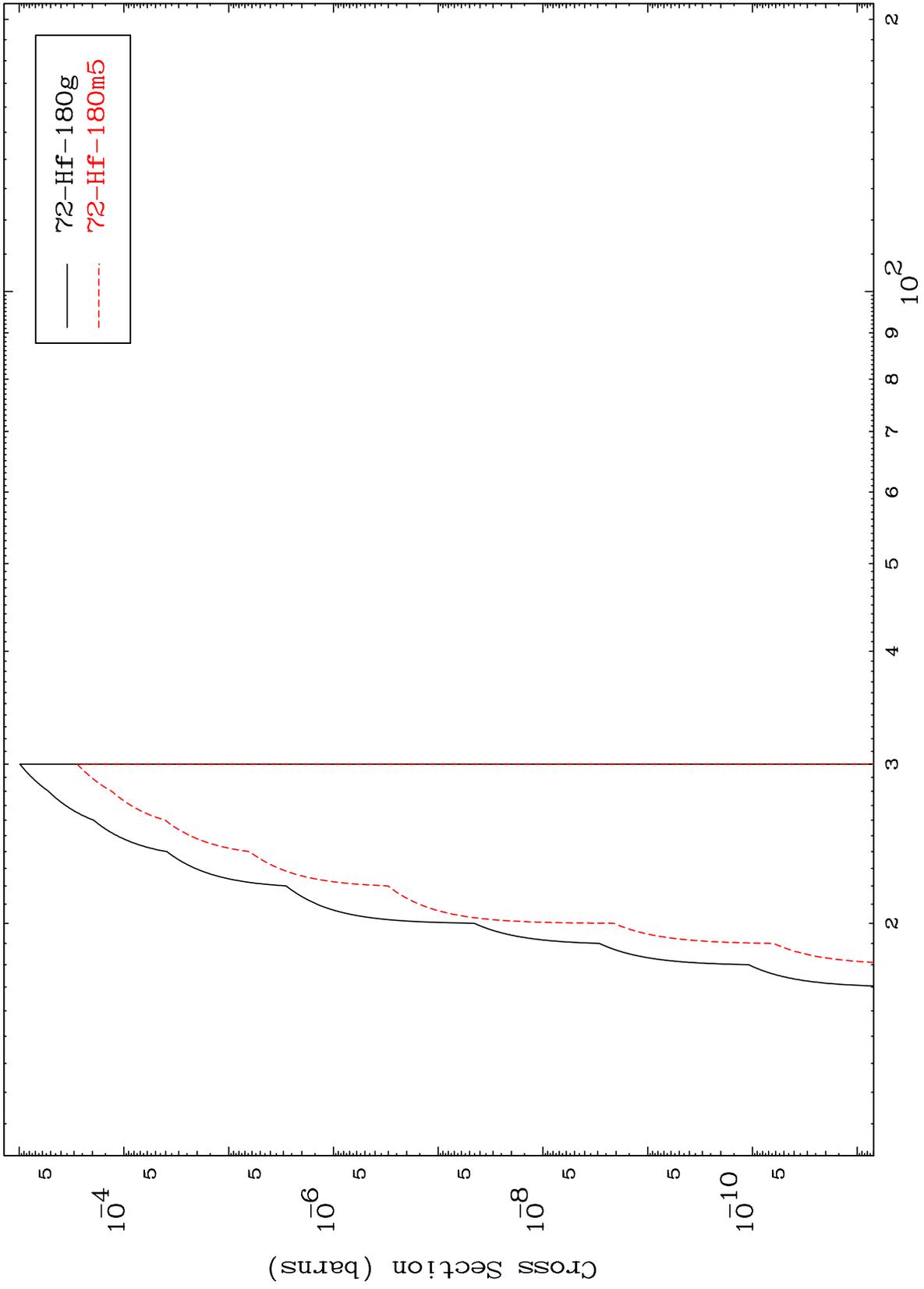
71-Lu-178

MAT 7134

(α, d)

71-Lu-178

Radionuclide Production Cross Section



19

Incident Energy (MeV)

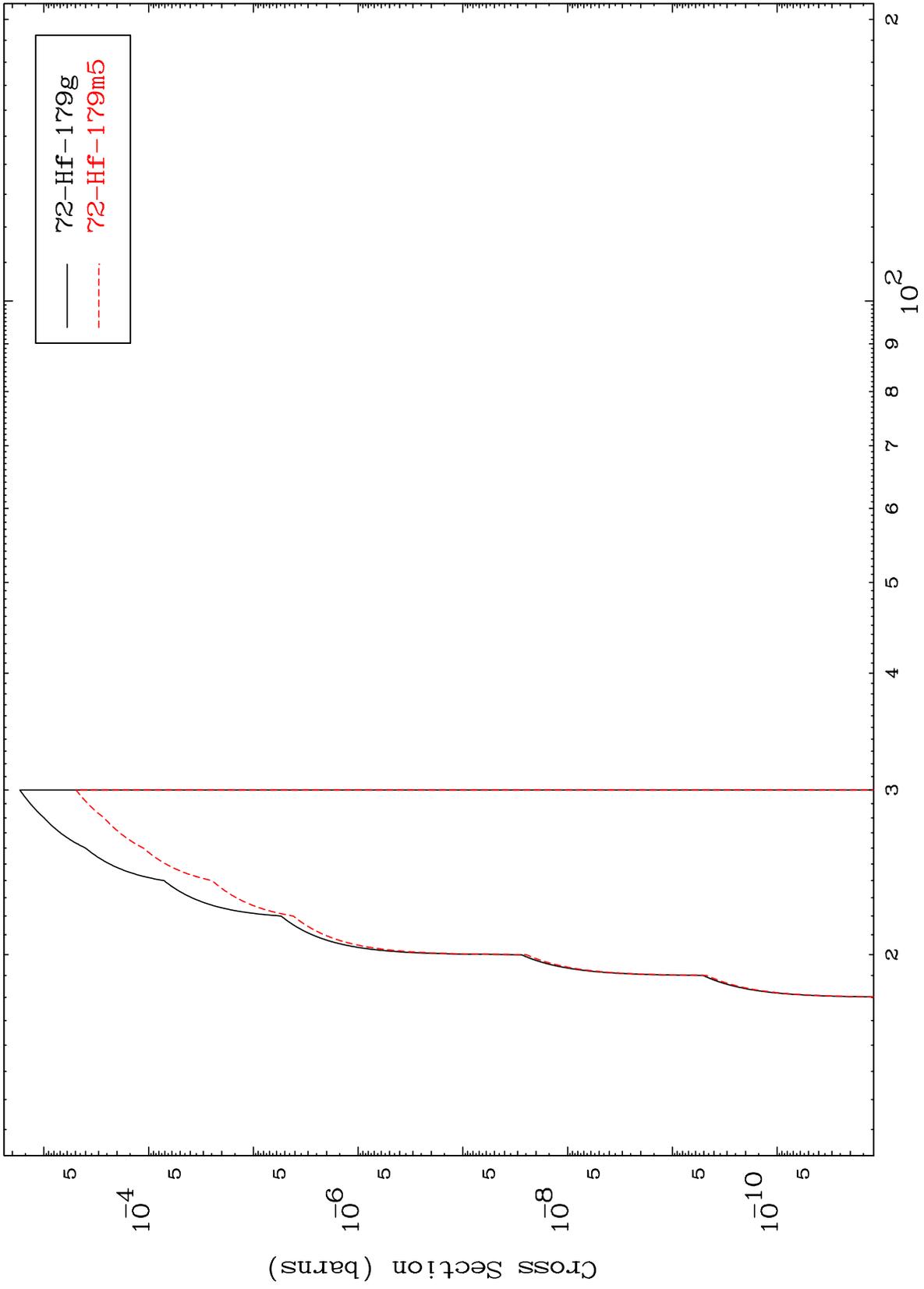
71-Lu-178

MAT 7134

(α, t)

71-Lu-178

Radionuclide Production Cross Section



20

Incident Energy (MeV)

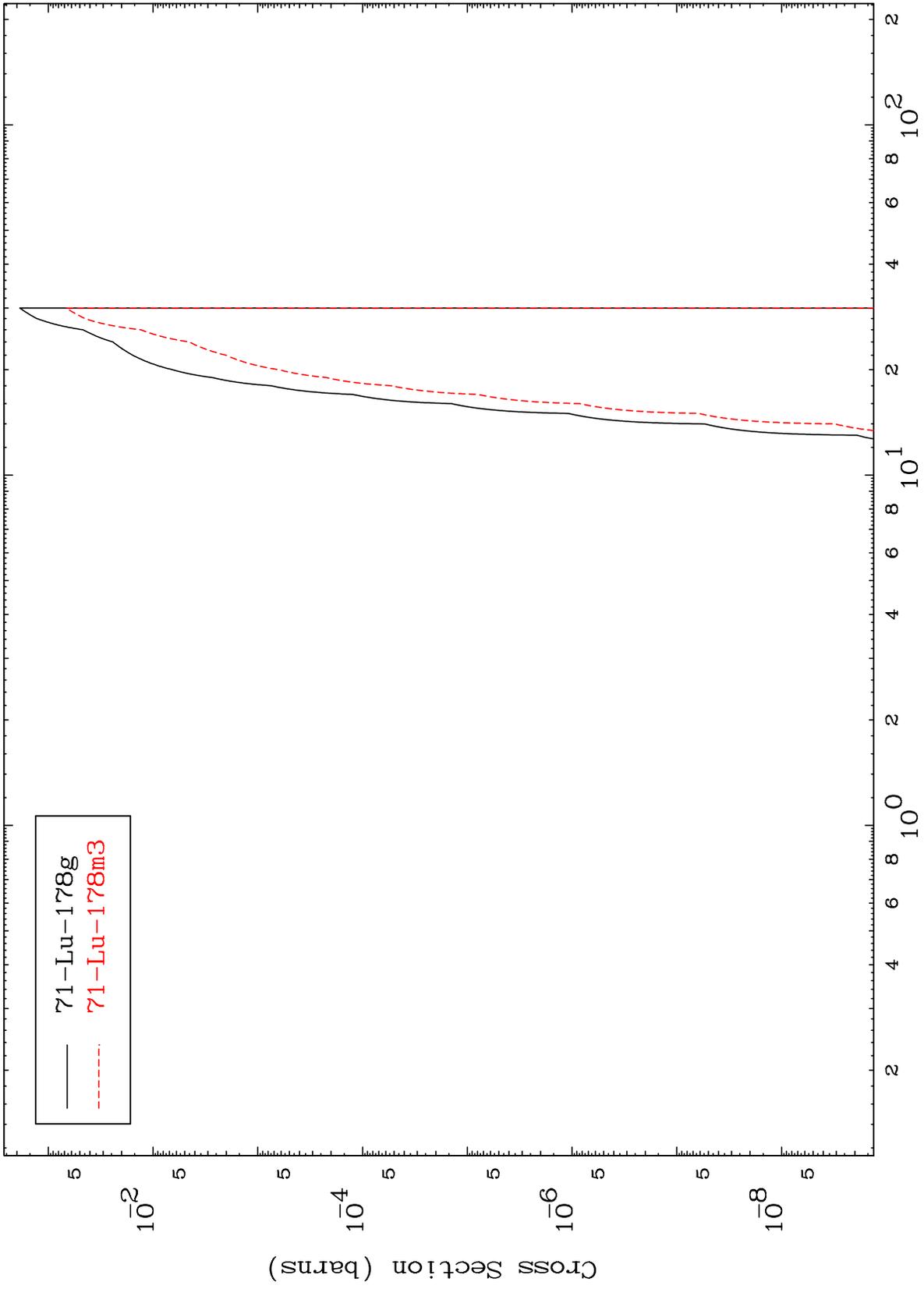
71-Lu-178

MAT 7134

(α, α)

⁷¹Lu-178

Radionuclide Production Cross Section



21

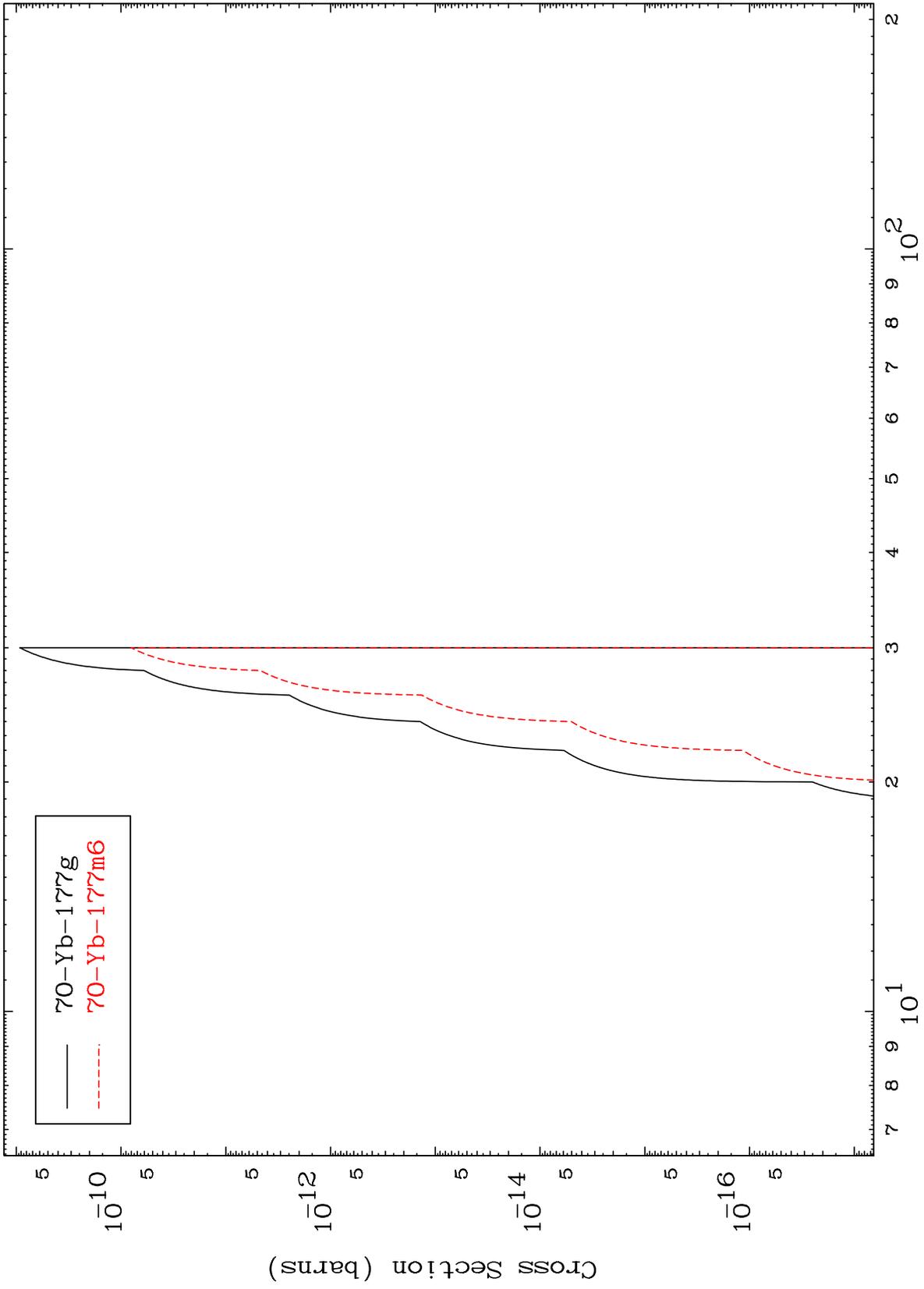
Incident Energy (MeV)

⁷¹Lu-178

MAT 7134

71-Lu-178

(α, p) α
Radionuclide Production Cross Section



22

71-Lu-178